

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:1866
ANSWERED ON:27.07.2017
Coal Fired Plants
Hari Shri G.

Will the Minister of POWER be pleased to state:

- (a) whether the Government has given more time to coal fired power plants to upgrade;
- (b) if so, the details thereof;
- (c) whether the old polluting plants have to be replaced with super-critical and super-efficient plants; and
- (d) if so, the details thereof?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) & (b): The performance of outdated coal fired thermal power plants is upgraded by carrying out Renovation and Modernisation (R&M) and Life Extension (LE) processes, thereby increasing their efficiency and availability. The R&M programme is primarily aimed at generation sustenance and overcoming problems arising due to generic defects, design deficiencies/modifications, obsolescence of equipments/systems and change in terminal parameters w.r.t. design, stringent environmental conditions, safety requirements, etc.

R&M/LE works are carried out by the concerned State and Central power utilities depending on their requirement, prevailing grid condition and their financial conditions. No specific time extension has been granted to upgrade old coal fired thermal generating plants.

(c) & (d) : The decision to replace old units with supercritical units is taken by the respective power utility after due consultation with various stakeholders such as DISCOMS, Transmission utilities etc. keeping in view grid stability, alternative source of power besides other aspects.

In order to conserve scarce natural resources like land, water and coal, old and inefficient thermal power plants / units of aggregate capacity 7,738 MW have been identified by respective power utilities for replacement with super-critical thermal power plants of aggregate capacity 18,560 MW based on the availability of essential inputs like, land, water, fuel etc.
